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FIG. 1

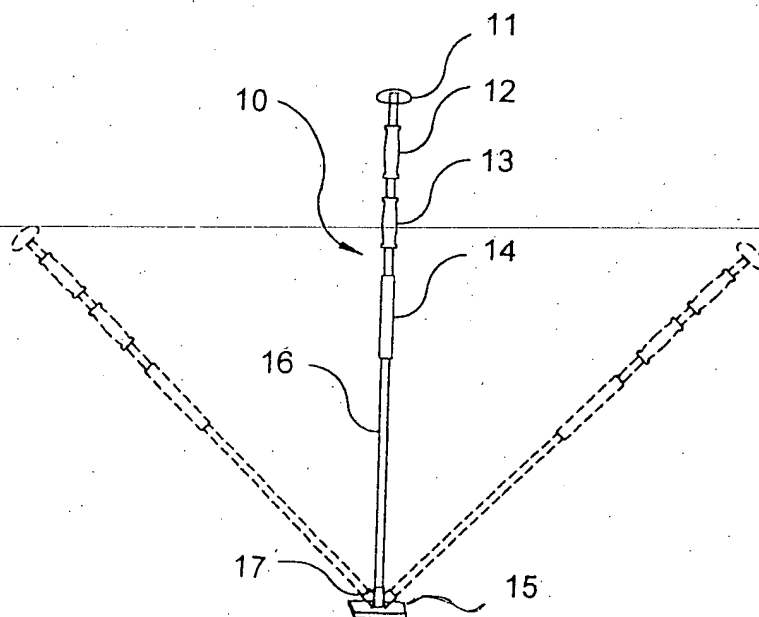
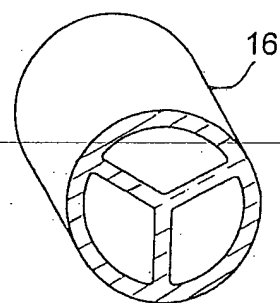
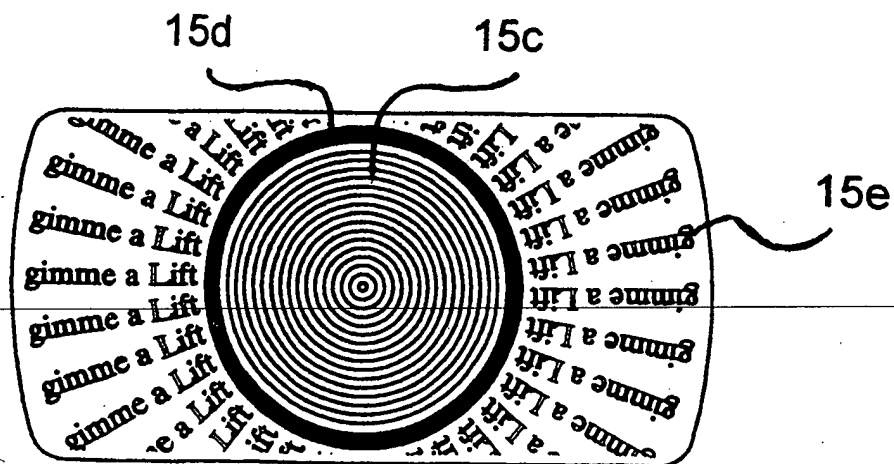
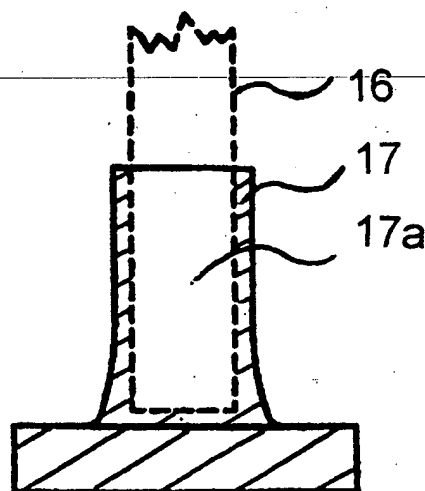
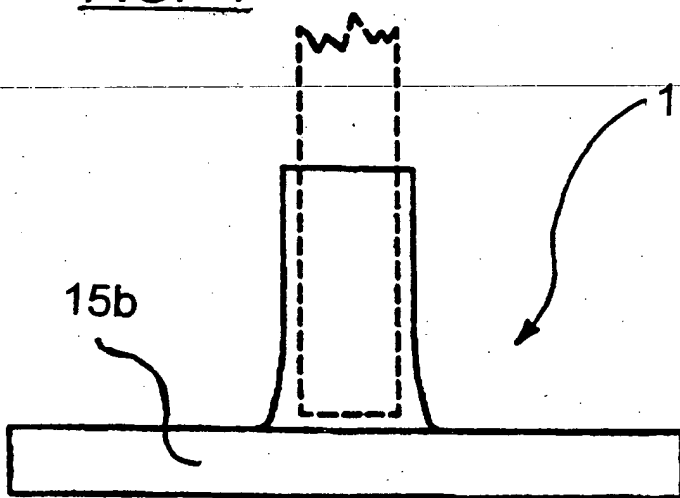
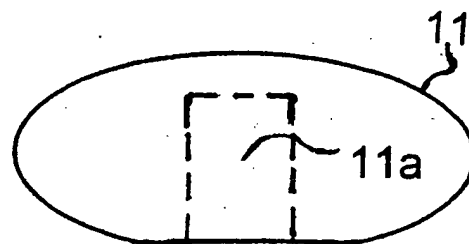
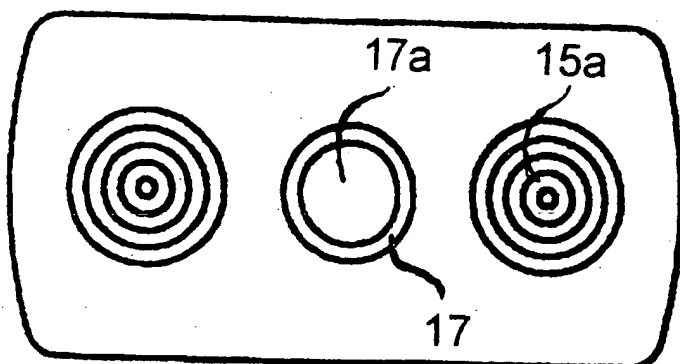


FIG. 2





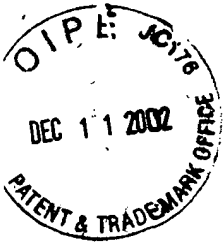


FIG. 8a

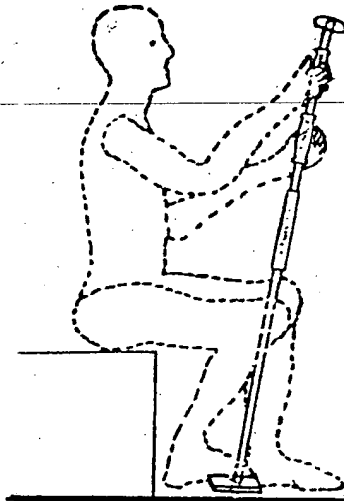
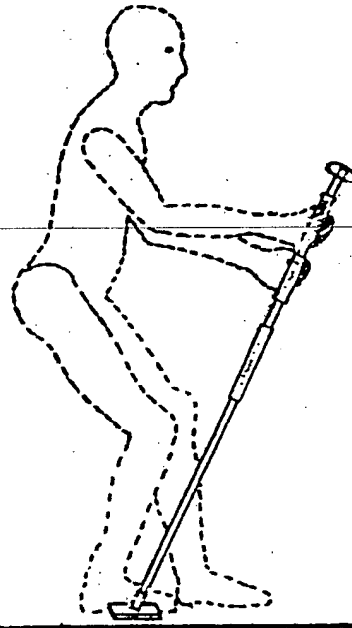
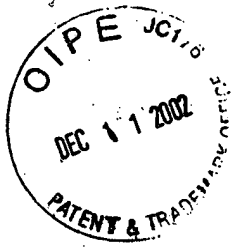


FIG. 8b





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FIG. 9a

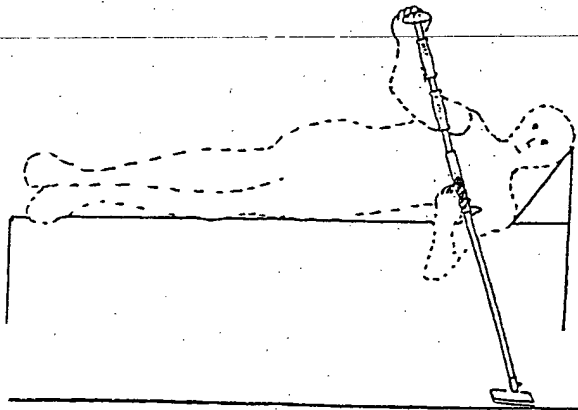


FIG. 9b

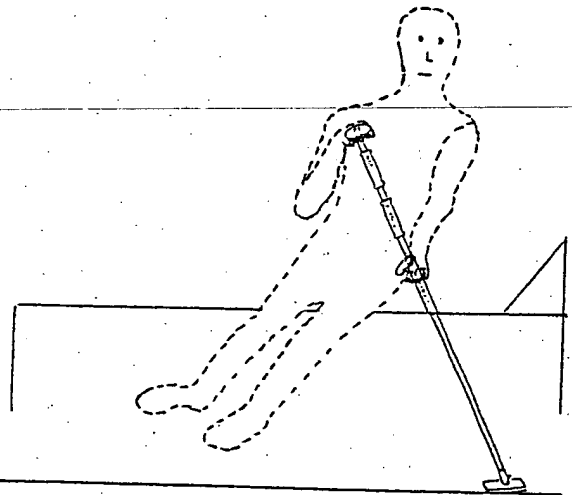


FIG. 10a

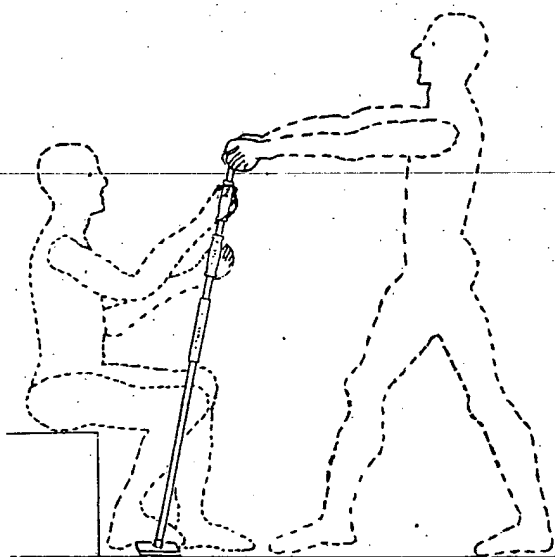
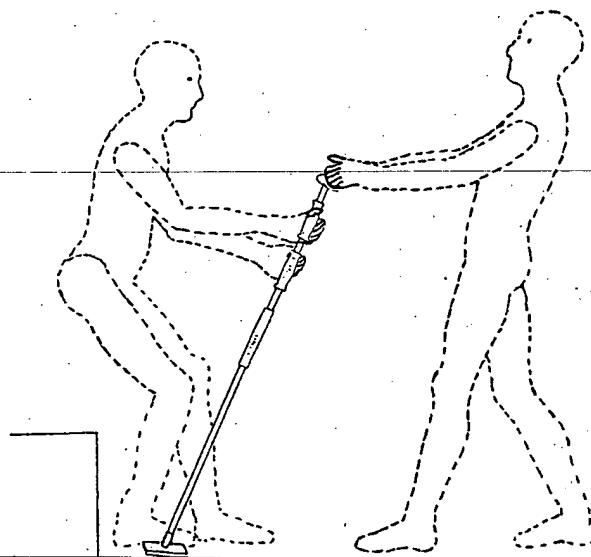


FIG. 10b





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FIG. 11a

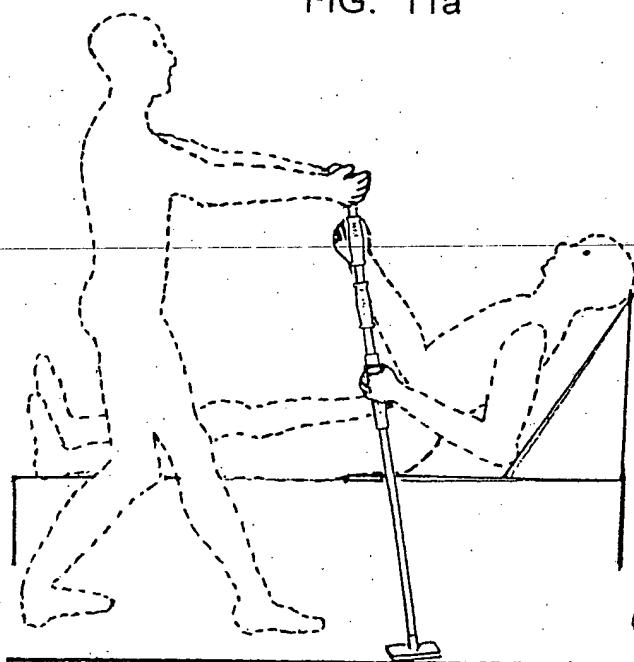


FIG. 11b

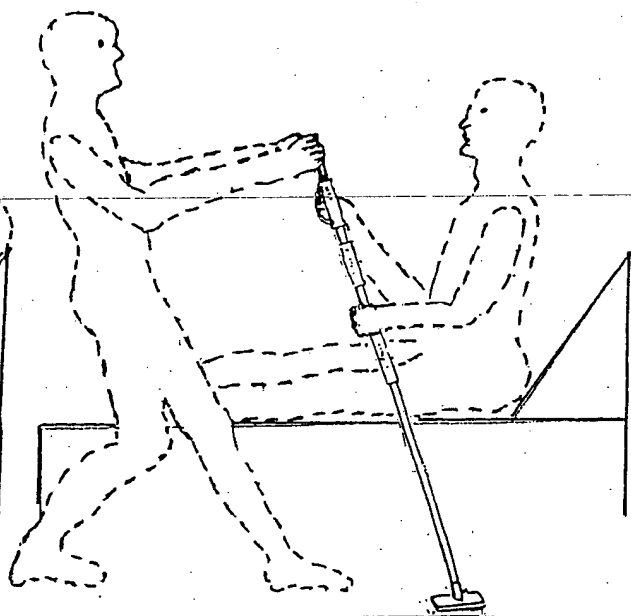




FIG. 12a

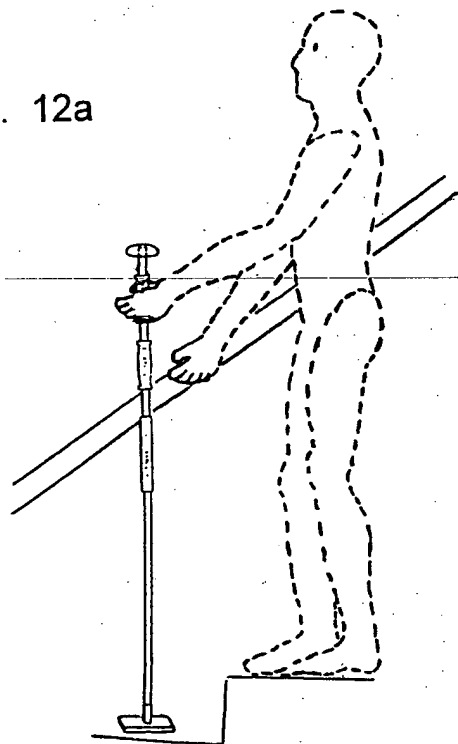


FIG. 12b

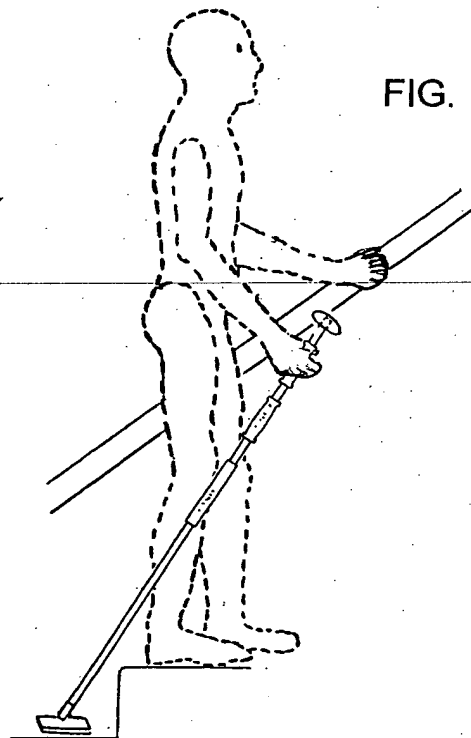
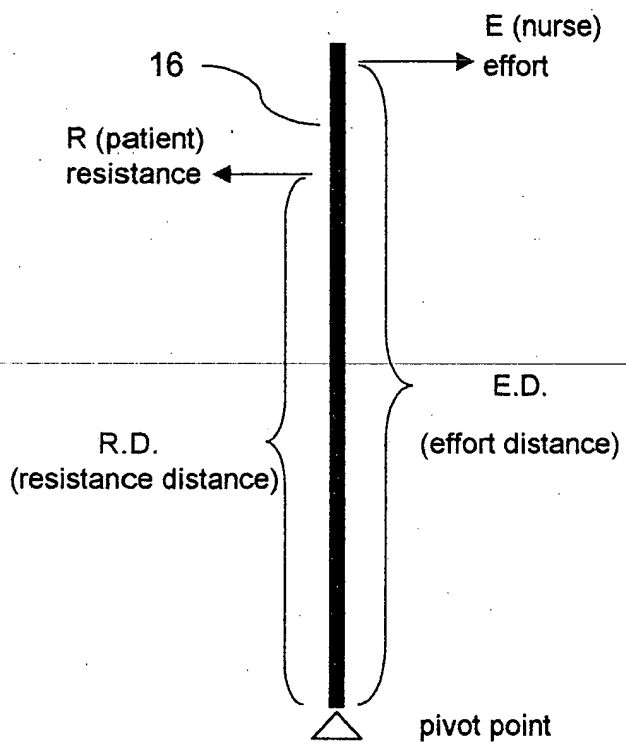


FIG. 13



$$(\text{Ideal}) \text{ Mechanical Advantage} = \frac{\text{Effort Distance (E.D.)}}{\text{Resistance Dist. (R.D.)}}$$

$$(\text{Real}) \text{ Mechanical Advantage} = \frac{\text{Resistance}}{\text{Effort}}$$

$$\text{E.D.} = \frac{R \text{ (patient)}}{E \text{ (nurse)}}$$

$$E = R \frac{R.D.}{E.D.}$$



FIG. 14

